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NOTICE OF ALLOWANCE AND FEE(S) DUE

27849

7590

11/04/2004

LEE & STERBA, P.C. 1101 WILSON BOULEVARD SUITE 2000 ARLINGTON, VA 22209 EXAMINER
LEYBOURNE, JAMES J

ART UNIT

PAPER NUMBER

2881

DATE MAILED: 11/04/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/730,998	12/10/2003	Gyeong-Su Keum	253/043	6344

TITLE OF INVENTION: POLARITY EXCHANGER AND ION IMPLANTER HAVING THE SAME

APPLN, TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1370	\$300	\$1670	02/04/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATEN <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHT THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPO PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM TH MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THE STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOV REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (O AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WIL BE REGARDED AS ABANDONED.

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A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

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B. If applicant claimed SMALL ENTITY status before, or is n claiming SMALL ENTITY status, check box 5a on Part B - Fee Transmittal and pay the PUBLICATION FEE (if required) and 1 the ISSUE FEE shown above.

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- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance Mail Stop ISSUE FEE unless advised to the contrary.

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PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(703) 746-4000 or Fax

INSTRUCTIONS: This for appropriate. All further corindicated unless corrected by maintenance fee notification	m should be used for tran respondence including the l below or directed otherwise is.	smitting the ISSU Patent, advance or in Block I, by (a	JE FEE and PUB ders and notificati) specifying a nev	LICATION FEE (if requion of maintenance fees volumes to correspondence address	ired). Blocks 1 through 5 swill be mailed to the current; and/or (b) indicating a separate	hould be completed wh correspondence address arate "FEE ADDRESS"
	E ADDRESS (Note: Use Block 1 for	any change of address)	-	Fee(s) Transmittal. The papers. Each addition	mailing can only be used fais certificate cannot be used all paper, such as an assignment of mailing or transmission.	for any other accompany
LEE & STERBA 1101 WILSON BO SUITE 2000 ARLINGTON, VA	, P.C. ULEVARD		have its own certificate of mailing or transmission. Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the States Postal Service with sufficient postage for first class mail in an en addressed to the Mail Stop ISSUE FEE address above, or being factransmitted to the USPTO (703) 746-4000, on the date indicated below.			
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EXAM	INER	ART UN	IIT	CLASS-SUBCLASS]	
LEYBOURN	IE, JAMES J	2881		250-492210	•	
CFR 1.363). Change of correspond Address form PTO/SB/12	e address or indication of "For lence address (or Change of 0 22) attached. ion (or "Fee Address" Indica or more recent) attached. Use	Correspondence	(1) the names of agents OR, a (2) the name of registered attom 2 registered pat	on the patent front page, lip of up to 3 registered pater alternatively, if a single firm (having as ney or agent) and the nament attorneys or agents. If will be printed.	a member a 2es of up to	
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON T	HE PATENT (pri	nt or type)		
PLEASE NOTE: Unless recordation as set forth in	an assignee is identified be 37 CFR 3.11. Completion of	low, no assignee of this form is NOT	data will appear o Γa substitute for fi	n the patent. If an assign ling an assignment.	nee is identified below, the c	locument has been filed
(A) NAME OF ASSIGNI	EE	(B) RESIDENCE: (0	CITY and STATE OR CO	UNTRY)	
Please check the appropriate	assignee category or category	ries (will not be pri	inted on the patent): 🗖 Individual 📮 C	orporation or other private gr	oup entity 🗖 Governm
4a. The following fee(s) are	enclosed:	4b	Payment of Fee(s	•		
Issue Fee	11 25 12			amount of the fee(s) is er		
	mall entity discount permitte			redit card. Form PTO-2038	8 is attached. harge the required fee(s), or	v .
			Deposit Account	Number	(enclose an extra c	credit any overpayment copy of this form).
 Change in Entity Status a. Applicant claims SM 	(from status indicated above MALL ENTITY status. See 2		☐ b. Applicant is	s no longer claiming SMA	LL ENTITY status. See 37 C	FR 1.27(g)(2)
					ly paid issue fee to the application istered attorney or agent; or the	
Authorized Signature				Date		
Typed or printed name				Registration	No	
This collection of information application. Confidentiali	n is required by 37 CFR 1.3 ty is governed by 35 U.S.C.	11. The information	n is required to obt	tain or retain a benefit by	the public which is to file (and minutes to complete, including	d by the USPTO to proc

all application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to comp this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 14 Alexandria, Virginia 22313-1450.

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ARLINGTON	INGTON, VA 22209			2881		
			DATE MAILED: 11/04/2002	DATE MAILED: 11/04/2004		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after t mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a ha months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date th determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retriev (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.